



Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet 2 of 3

**Complete if Known**

Application Number	10/632,117
Filing Date	July 31, 2003
First Named Inventor	Hilda E. Smith
Group Art Unit	1645
Examiner Name	J. Hines
Attorney Docket Number	2183-60551US

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
J.H.		BAUMS et al., Clinical and Vaccine Immunology, Feb. 2009, pp. 200-208, Vol. 16, No. 2.	
		CHOTHIA et al., The Embo Journal, 1986, pp. 823-26, Vol. 5, No. 4.	
		DATABASE EMBL 'Online' McNab, S. gordonii partial aldB gene, cshA gene & fbpA gene. Database accession No. X65164, XP002213089.	
		DEVRIESE et al., Avian Pathology, 1994, pp. 721-24, Vol. 23.	
		GREENSPAN et al., Nature Biotechnology, 1999, pp. 936-37, Vol. 7.	
		HAMPSON et al., Journal of Clinical Microbiology, 1993, pp. 2895-2900, Vol. 31, No. 11.	
		Merck Manual On-line Streptococcal Disease (pages 1-6), retrieved from web on 11-16-2009.	
		Merriam-Webster Online Dictionary, (visited 6/7/2004) <http://www.m-w.com/cgi-bin/dictionary?book=Dictionary&va=vaccine&x=19&y=12>.	
		MIKAYAMA et al., Nov. 1993, Proc. Natl. Acad. Sci. USA., pp. 10056-60, Vol. 90.	
		PCT International Preliminary Examination Report, PCT/NL99/00460, dated October 27, 2000.	
		PCT International Search Report, PCT/NL99/00460, dated April 5, 2000, 6 pages.	
		RUDINGER et al., Characteristics of the amino acids as components of a peptide hormone sequence. Peptide hormones. Biol. Council, June 1976, pp. 1-7.	
		SMITH et al., submitted Sept. 10, 2000, Genbank Accession No. AF306940.	
		WISSELINK et al., Assessment of protective efficacy of live and killed vaccines based on a non-encapsulated mutant of Streptococcus suis serotype 2, Veterinary Microbiology, 2002, pp. 155-68, Vol. 84.	
		ZHANG et al., Identification and characterization of an antigen I/H family protein produced by group A streptococcus, Infection and Immunity, July 2006, pp. 4200-13, Vol. 74, No. 7.	

Examiner  
Signature

/Jana Hines/

Date  
Considered

12/18/2010

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20331. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

(use as many sheets as necessary)

Application Number	10/632,117
Filing Date	July 31, 2003
First Named Inventor	Hilda E. Smith
Group Art Unit	1645
Examiner Name	J. Hines
Attorney Docket Number	2183-6055US

Sheet 3 of 3

[illegible]

12/21/2010

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450